



# The 18<sup>th</sup> International Workshop on Greenhouse Gas Measurements from Space 12-14 July 2022

Kagawa International Conference Hall, Takamatsu, Kagawa, Japan

Takamatsu Symbol Tower, Tower Building 6F, Sunport 2-1, Takamatsu, Kagawa 760-0019 Japan URL: <https://www.symboltower.com/en/>

**First Circular**

The team of **GOSAT Series** (Greenhouse gases Observing SATellite Series) cordially invites you to attend the 18th International Workshop on Greenhouse Gas Measurements from Space (IWGGMS-18) to be held in Takamatsu, Japan on 12-14 July 2022. Presently, we are planning to organize the workshop in a hybrid format. The final workshop format will be announced in April 2022 upon the COVID-19 pandemic status.

The goal of the workshop is to review the state of the art in space-based remote sensing of carbon dioxide, methane, and other greenhouse gases and related products, including

1. Results from current missions
2. Status of/Results expected from future missions
3. Retrieval algorithms and methods for inter-instrument and product Cal/Val
4. Uncertainty quantification and bias correction techniques, including in situ measurements
5. Observations to quantify hot spots and local/urban emissions
6. Flux estimates and atmospheric inversions from space-based GHG measurements and solar-induced chlorophyll fluorescence (SIF)
7. Towards an international space-based GHG emission monitoring system
8. Stakeholder needs and engagement for the Global Stocktake

## Important Dates

Registration and abstract submission open:

**Monday 21 February 2022 (TBD)**

Final workshop format decided: **in April 2022**

Abstract submission deadline: **Friday 20 May 2022 (TBD)**

Registration deadlines:

**Friday 6 May 2022 (TBD)**

(for those who need visa support documents)

**Tuesday 31 May 2022 (TBD)**

Workshop dates: **Tuesday 12 July 2022 – Thursday 14 July 2022**

## Workshop Format

The workshop will be organized in a hybrid format with a series of invited and contributed talks and posters. Participants can attend either in person on the site or remotely/virtually; however, please note that the workshop format may change, and certain limitations may be required for in-person attendance depending on the COVID-19 status.

## GOBLEU Tour

ANA Flight between Tokyo (Haneda) and Takamatsu  
(The details will be announced later)

[https://www.eorc.jaxa.jp/GOSAT/ANAexp/index\\_e.html](https://www.eorc.jaxa.jp/GOSAT/ANAexp/index_e.html)